

ORIGINAL

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15- 189-21,415-00-00
County Stevens East: _____
SE SE NW NW Sec. 36 Twp. 33S Rge. 35 X West:

Operator: License # 5598

4030 / Ft. North from Southeast Corner of Section

Name: APX Corporation

4030 / Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Address P. O. Box 351

Lease Name Heath "A" Well # 1H

City/State/Zip Liberal, KS 67905-0351

Field Name Hugoton

Purchaser: Panhandle Eastern Pipe Line Company
(Transporter)

Producing Formation Chase

Operator Contact Person: J. L. Ashton

Elevation: Ground 2982.8 KB NA

Phone (316) 624-6253

Total Depth 2911 PBDT 2894

Contractor: Name: Gabbert-Jones, Inc.

License: 5842

Wellsite Geologist: NA

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If ~~OLD~~ old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

6-16-90 6-18-90 10-17-90
Spud Date Date Reached TD Completion Date

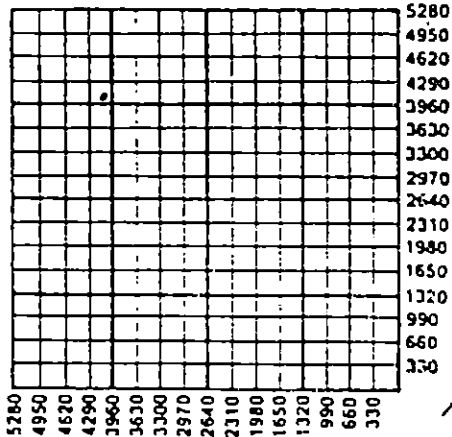
Amount of Surface Pipe Set and Cemented at 634 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.



INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Beverly D. Williams
Beverly D. Williams
Title Engineering Technician Date 11-12-90

Subscribed and sworn to before me this 12th day of November, 19 90.

Notary Public Cheryl Steers

Date Commission Expires _____



STATE CORPORATION COMMISSION 11-19-90
OFFICE USE ONLY
F NOV 16 1990 Letter of Confidentiality Attached
C Wireline Log Received
D Drillers Timelog Received
Distribution
 KCC SWD/Rep NGA
 KGS Plug Other
(Specify)

SIDE TWO **JAN 19 1960**

Operator Name APX Corporation Lease Name Heath "A" Well # 1H
 Sec. 36 Twp. 33S Rge. 35 East West
 County Stevens

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

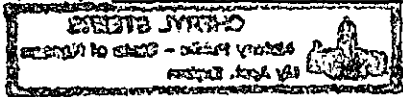
Drill Stem Tests Taken (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr> <td>Blaine</td> <td>1060</td> <td>1160</td> </tr> <tr> <td>Cedar Hills</td> <td>1200</td> <td>1386</td> </tr> <tr> <td>Stone Corral</td> <td>1666</td> <td>1734</td> </tr> <tr> <td>Chase</td> <td>2638</td> <td>NA</td> </tr> <tr> <td>Panoma Council Grove</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>TD</td> <td>NA</td> <td>2894</td> </tr> </tbody> </table>	Name	Top	Bottom	Blaine	1060	1160	Cedar Hills	1200	1386	Stone Corral	1666	1734	Chase	2638	NA	Panoma Council Grove	NA	NA	TD	NA	2894
Name	Top		Bottom																				
Blaine	1060		1160																				
Cedar Hills	1200		1386																				
Stone Corral	1666	1734																					
Chase	2638	NA																					
Panoma Council Grove	NA	NA																					
TD	NA	2894																					
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No																						

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8 5/8	24	634	Pozmix +	390	2% cc
Production	7 7/8	5 1/2	14	2909	Common Class "C"	245	3% cc 20% DCD 10% DCD
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used			Depth
2	2750-87			A/1900 gals 15% fe acid. A/14,800 gals 50 Qual N2-28% stabled gelled fe acid. A/4200 gals 50 Qual N2-28% fe acid. Set CIBP @ 2745.			2750-87
2	2700-40, 2670-78, 2642-50			A/6400 gals 50 Qual N2-28% stable. gelled fe acid. A/1820 gals 50 Qual N2-28% fe acid.			2642-2740
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
None	Size	Set At	Packer At				
Date of First Production SI-WO PIPELINE	Producing Method <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity
	-		260		-		-

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify)

Production Interval: 2642-2787 O.A.



ORIGINAL

WELL NAME: HEATH "A" 1H
SEC. 36-33S-35W
STEVENS COUNTY, KANSAS

COMMENCED: 6-16-90

COMPLETED: 6-19-90

OPERATOR: ANADARKO PETROLEUM CORPORATION

Depth		Formation	Remarks
From	To		
0	634	Sand - Redbed	Ran 15 jts of 24# 8 5/8" csg LD @ 629' w/240 sks 25/75 Posmix - 2% CC 1/4# FS - 150 sks Common 3% CC - 1/4# FS PD @ 11:15 PM 6-16-90.
634	1217	Redbed	
1217	1372	Glorietta Sand	
1372	1480	Redbed - Shale	
1480	2650	Lime - Shale	
2650	2911	Shale	
	2911 TD		Ran 71 jts of 14# 5 1/2" csg set @ 2909 w/205 sks class C - 20% DCD - 2% CC 1/4# FS - 40 sks Class C 10% DCD - 2% CC - 1/4# FS PD @ 11:15 AM 6-19-90. RR @ 12:15 PM 6-19-90.

RECEIVED
STATE CORPORATION COMMISSION

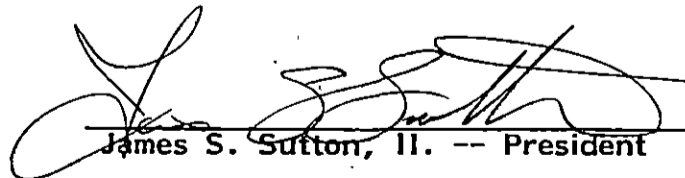
NOV 19 1990

CC, STATE CORPORATION COMMISSION
WELL LOGS

STATE OF KANSAS
COUNTY OF SEDGWICK

) I, the undersigned, being duly sworn on oath,
) state that the above Drillers' Well Log is true
) and correct to the best of my knowledge and
belief and according to the records of this office.

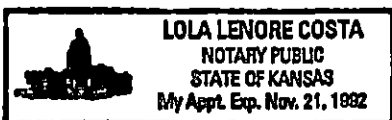
GABBERT-JONES, INC.


James S. Sutton, II. -- President

Subscribed & sworn to before me this
21st day of June 1990


Lola Lenore Costa

My commission expires Nov. 21, 1992





HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE

INVOICE NO.	DATE
990302	06/19/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HEATH A-1H		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #11		CEMENT PRODUCTION CASING		06/19/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER		SHIPPED VIA	FILE NO.
001527	DAVID GILMORE				COMPANY TRUCK	96960

DIRECT CORRESPONDENCE TO:

APX CORPORATION
P. O. BOX 351
LIBERAL, KS 67905-0351

SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	15	MI	2.35	35.25
		1	UNT		
001-016	CEMENTING CASING	2911	FT	1,045.00	1,045.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	5.5	IN	53.00	53.00
		1	ER		
018-315	MUD FLUSH	1260	GAL	.45	567.00
218-738	CLAYFIX II	2	GAL	20.00	40.00
504-050	PREMIUM PLUS CEMENT	245	SK	7.08	1,734.60
500-959	CELITE	4250	LB	.42	1,785.00
507-210	FLOCELE	61	LB	1.30	79.30
509-406	ANHYDROUS CALCIUM CHLORIDE	5	SK	26.25	131.25
500-207	BULK SERVICE CHARGE	509	CFT	1.10	559.90
500-306	MILEAGE CMTG MAT DEL OR RETURN	124.8345	TMI	.75	93.63
INVOICE SUBTOTAL					6,123.93
DISCOUNT-(BID)					2,305.78-
INVOICE BID AMOUNT					3,818.15
*-KANSAS STATE SALES TAX					117.81
*-SEWARD COUNTY SALES TAX					27.71
<p>1102-2041</p> <p>147-3</p> <p>6-25-90</p> <p>NOV 19 1990</p> <p>CONSERVATION DIVISION Wichita, Kansas</p> <p>STATE CORPORATION COMMISSION</p>					
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$3,963.67

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



INVOICE

HALLIBURTON SERVICES ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
947118	06/16/1990

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HEATH A-1H		STEVENS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
LIBERAL		GABBERT & JONES #3		CEMENT SURFACE CASING		06/16/1990
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
001527	JIM BARLOW			COMPANY TRUCK	96796	

APX CORPORATION
P. O. BOX 351
LIBERAL, KS 67905-0351

DIRECT CORRESPONDENCE TO:
SUITE 600
COLORADO DERBY BUILDING
WICHITA, KS 67202-0000

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
PRICING AREA - MID	CONTINENT				
000-117	MILEAGE	10	MI	2.35	23.50
		1	UNT		
001-016	CEMENTING CASING	635	FT	630.00	630.00
		1	UNT		
030-018	CEMENTING PLUG 5W, PLASTIC TOP	8 5/8	IN	100.00	100.00
		1	EA		
504-043	PREMIUM CEMENT	180	SK	6.85	1,233.00
506-105	POZMIX A	60	SK	3.91	234.60
507-210	FLOCELE	98	LB	1.30	127.40
509-406	ANHYDROUS CALCIUM CHLORIDE	8	SK	26.25	210.00
504-043	PREMIUM CEMENT	150	SK	6.85	1,027.50
500-207	BULK SERVICE CHARGE	4.13	CFT	1.10	454.30
500-306	MILEAGE CMTG MAT DEL OR RETURN	289.584	TMI	.75	217.19
INVOICE SUBTOTAL					4,257.49
DISCOUNT - (BID)					1,487.49-
INVOICE BID AMOUNT					2,770.00
*-KANSAS STATE SALES TAX					99.66
*-SEWARD COUNTY SALES TAX					23.45
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,893.11

1102-2041

Jim Barlow
RECEIVED
STATE COMMISSION

NOV 19 1990

6-21-90

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.